

Dr. Pham Cong Duy (David Pham)



Title:	Lecturer - Automotive Field
Department:	Training Dept. - Matlab Project
Birth Date:	March 2, 1978
Hire Date:	August 1, 2016
Phone:	(84) 8 6681 5829
Mobile Phone:	(84) 916693825
Home Address:	21 Nguyen Thai Son Street, Ward 3, Go Vap
PIT No:	



IBES Intelligent Business & Education Solution JSC
Training Department - Matlab Project

Education:

2008-2012: Ph.D., College of Electrical and Information Engineering, Hunan University, China.
Thesis: "Unity Power Factor Control in Sensorless Permanent Magnet Synchronous Machine Drive Systems".

2005-2007: M.Eng, Faculty of Electrical and Electronics Engineering, Ho Chi Minh City University of Technology, Vietnam. Thesis: "Direct Torque Control of Induction Machines".

1996-2001: B.Eng, Faculty of Electrical and Electronics Engineering, Ho Chi Minh City University of Technology, Vietnam.

June 24, 2013-July 19, 2013: Higher Engineering Education Alliance Program (HEEAP), Arizona State University, USA.

Research interests

Power Electronics
Advanced Control Techniques for Electric Drives
Renewable Energy (Wind/Solar)

People are still the most important asset

Research experience

Phase 1:

2015-2016: Development of Four-Switch and Six-Switch Inverters for University Purposes.

Phase 2:

2016-2017: Development of a Two-Axis AC Servo Driver using NI myRIO-1950.

Phase 3:

Teaching experience

Teaching experience 1:

Electric Machines

Teaching experience 2:

Power Electronics

Teaching experience 3:

Electric Drives

Publications

International journals:

International journals:

Journal papers:

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1. D. C. Pham, Shoudao Huang, Keyuan Huang, Modeling and simulation of current source inverters with space vector modulation, The 2010 International Conference on Electrical Machines and Systems (ICEMS 2010).

2. Shoudao Huang, Duy C. Pham, Keyuan Huang, and Shuangyin Cheng, Space Vector PWM Techniques for Current and Voltage Source Converters: A short review, The 15th International Conference on Electrical Machines and Systems (ICEMS2012).

1. Duy C. Pham, Shoudao Huang, Keyuan Huang, and Shuangyin Cheng, Unity power factor control in sensorless PMSM drive systems: A DSP-based implementation approach, ICIC Express Letters, Part B: Applications, vol. 3, no. 2, pp. 383-388, 2012.

Other info

Computer skills 1

MATLAB
Texas Instruments Code Composer Studio (CCS)

Computer skills 2

LabVIEW
Altium Designer

Hobbies

Walking
Reading

HR- valuable assets of an enterprise